

Storm Data and Unusual Weather Phenomena

July 2002

Location	Date	Time Local Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Iniured	Property	Crops	
<u>TEXAS West</u>									
Presidio County Presidio	02	1635CST 1640CST			0	0	200K	0	Thunderstorm Wind (G50)
									A severe thunderstorm produced damaging outflow winds in Presidio. A warehouse was destroyed and four homes lost roofs. Small hail collected up to 6 inches deep in some locations around town. Slightly larger hail occurred approximately 30 minutes later, around 615 pm CDT, as the main core of the severe thunderstorm moved over the community.
Presidio County Presidio	02	1700CST 1900CST			0	0	0	0	Flash Flood
									Rainfall amounts of approximately 2.5 inches in less than one hour resulted in road flooding and minor flooding of a few homes in Presidio.
Presidio County Presidio	02	1715CST			0	0	0	0	Hail(0.88)
Upton County 1 NW Mc Camey	03	1425CST			0	0	0	0	Hail(0.75)
Jeff Davis County Valentine	03	2030CST 2200CST			0	0	0	0	Flash Flood
									Flooding was reported along Highway 90 near the community of Valentine. The cooperative observer in Valentine reported 2.8 inches of rainfall in one hour.
Glasscock County 8 W Garden City	04	1913CST	0.2	50	0	0	0	0	Tornado (F0)
									A brief tornado was reported along highway 137.
Glasscock County 13 NNW Garden City	04	1930CST 2200CST			0	0	0	0	Flash Flood
									Water was reported covering Highway 137, north of Highway 158.
Brewster County Alpine	05	0230CST 0250CST			0	0	0	0	Flash Flood
									Flooding was reported by law enforcement on roadways in the city of Alpine.
Brewster-County Alpine Municipal Arpt	05	1525CST			0	0	0	0	Thunderstorm Wind (G54)M
Scurry County 6 NW Snyder	06	1000CST 1100CST			0	0	15K	0	Flash Flood
									Flooding was reported along Highway 84. This resulted in two car accidents. However, no injuries were reported.
Games County 28 NW Seminole	06	1240CST			0	0	0	0	Hail(0.75)
									A severe thunderstorm produced dime size hail on the Games County and Lea County New Mexico border.
Pecos County 15 N Ft Stockton to Ft Stockton	06	2025CST 2300CST			0	0	0	0	Flash Flood
									Flooding caused road closures on Highway 18 in Pecos County.
Brewster County Marathon	06	2130CST			0	0	0	0	Hail(0.75)
Brewster County 7 W Marathon	06 07	2135CST 0100CST			0	0	0	0	Flash Flood
									Flooding was reported along Highway 90 between Marathon and Altuda.
Pecos County 20 SE Ft Stockton	06 07	2300CST 0100CST			0	0	0	0	Flash Flood
									Flooding was reported along Highway 285 southeast of Fort Stockton.

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Location

TEXAS West

Terrell County
29 NNE Sanderson

Date	Time Local/Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
				Killed	Injured	Property	Crops	
06	2300CST			0	0	0	0	Flash Flood
07	0800CST							

Flooding was reported along Farm to Market Road 2286, 12 miles north of the intersection of Farm to Market roads 2286 and 2400.

Scurry County
Snyder

12	1630CST 1645CST			0	0	0	0	Thunderstorm Wind (G50)
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Reports from the local newspaper indicate that strong winds from a thunderstorm resulted in damage to trees and power lines in the city of Snyder. Local Officials responded to no less than four reports of large trees blocking roadways after being blown down by the storm. Based on a summary of the reports...it seems likely a wet microburst affected the city.

Scurry County
Snyder

12	1635CST 1650CST			0	0	8K	0	Flash Flood
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The local newspaper reported that local officials were called to aide a motorist when their car stalled in rapidly rising water between 21st and 22nd streets in Snyder. No injuries were reported.

Brewster County
4 SE Study Butte

18	1800CST 1930CST			0	0	0	0	Flash Flood
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Heavy rains caused Alamito Creek to wash over Old Maverick Road on the west side of the Big Bend National Park.

Midland County
6 SE Midland to
10 E Midland

28	1858CST 1925CST			0	0	0	0	Flash Flood
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Residents in the Valley View community reported as much as 6 inches of rain fell during a microburst event. This resulted in flooding over several county roads southeast of the city of Midland.

Midland County
6 SE Midland to
10 E Midland

28	1858CST 1925CST			0	0	250K	0	Thunderstorm Wind (G78)
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A survey of the damage area southeast of Midland indicated that a microburst caused this event. Based on damage patterns, it is evident that the impact point from the microburst was west of Farm to Market Road 1213, north of County Road 150, east of County Road 1160, and south of County Road 144. The worst of the damaged appeared to be south of County Road 144 and also along County Road 150. Estimated wind speeds of 80-100 mph occurred with the microburst.

Three mobile homes in the Valley View area were destroyed, while other homes sustained roof and window damage. One horse was also killed by flying debris. A center pivot irrigation system was destroyed as it was blown out of a field onto a nearby county road. A completely full oil tank battery and numerous powerlines were also blown down during the event.

The 00Z Midland upper air sounding from Sunday evening also suggested the potential for microburst and thunderstorms were forecast for Midland County. Damage estimates for the entire event are estimated in the \$250,000 range.

Reagan County
11 N Stiles

28	2020CST 2025CST			0	0	0	0	Thunderstorm Wind (G52)
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Thunderstorm winds blew down a large flag pole and a few large limbs off trees.

Pecos County
31 W Ft Stockton

29	1440CST			0	0	0	0	Thunderstorm Wind (G50)
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Reeves County
20 E Balmorhea

29	1440CST			0	0	0	0	Thunderstorm Wind (G50)
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TXZ058

Reeves County And Upper Trans Pecos 29	1441CST			0	2	90K	0	Dust Storm
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An eleven vehicle wreck occurred in zero visibilities, due to blowing dust, along Interstate 10 at mile marker 225...or 17 miles east of Balmorhea. Two minor injuries were reported. Interstate 10 was closed for two hours and traffic in the west bound lane was backed up for a number of miles into Western Pecos County. A reporter from a local newspaper interviewed people traveling on Interstate 10 in regard to the accident. Travelers reported having to pull off of the interstate on the Reeves/Pecos County line because of high thunderstorm winds and blowing dust. Winds were estimated to be 60 mph.

Pecos County
25 SE Ft Stockton to
45 SE Ft Stockton

29	1600CST 1800CST			0	0	0	0	Flash Flood
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Pecos County law enforcement reported Highway 285 was flooded and impassable.

Presidio County
25 S Marfa

29	1930CST 2130CST			0	0	0	0	Flash Flood
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The Texas Department of Transportation reported flooding of secondary roads south of Marfa including Farm to Market Road 169.

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<u>NEW MEXICO Southeast</u>										
Eddy County Carlsbad	03 04	2130MST 0000MST			0	0	0	0	Flash Flood	
Rainfall rates up to two inches per hour resulted in flooding in and around the city of Carlsbad. Flooding of underpasses and surrounding county roads was reported by the cooperative observer. Additionally, there were several reports in Carlsbad of flooding up to doorways and in garages.										
Eddy County 3 E Artesia	04	1900MST 2000MST			0	0	0	0	Flash Flood	
The Artesia Police Department reported water 3 feet deep along County Road 229 east of Artesia.										
Eddy County 5 S Carlsbad	04	1937MST			0	0	0	0	Thunderstorm Wind (G50)M	
Eddy County 5 S Carlsbad	04	2000MST			0	0	0	0	Hail(0.75)	
Eddy County Carlsbad	04	2100MST 2300MST			0	0	0	0	Flash Flood	
Numerous reports of water over roads in the city of Carlsbad resulted in some roads being barricaded.										
Eddy County 4 S Hope	05	1625MST 1630MST			0	0	8K	0	Thunderstorm Wind (G61)	
Very strong thunderstorm outflow winds destroyed a barn south of the community of Hope in northwest portions of Eddy County.										
Eddy County 4 S Hope	05	1630MST			0	0	0	0	Hail(0.75)	
Eddy County 8 S Hope	05	1700MST 1930MST			0	0	0	0	Flash Flood	
Three feet of water was reported on Highway 12 south of the community of Hope as Walnut Creek flooded and overflowed its banks.										
Eddy County 12 NW Carlsbad	05	1716MST			0	0	0	0	Hail(1.00)	
One inch diameter hail stopped traffic along Highway 285 west of Brantley Lake State Park.										
Eddy County 7 NW Carlsbad	05	1815MST			0	0	0	0	Hail(1.00)	
One inch diameter hail was reported along Highway 285.										
Eddy County Carlsbad	05	1830MST			0	0	0	0	Hail(0.88)	
Eddy County 3 N Carlsbad	05	1840MST 2130MST			0	0	0	0	Flash Flood	
Flooding was reported along the truck bypass through Happy Valley, north of Carlsbad.										
Eddy County Carlsbad	05	1844MST			0	0	0	0	Hail(0.88)	
Nickel size hail was reported in the western portions of the city of Carlsbad.										
Lea County 9 NE Knowles	06	1140MST			0	0	0	0	Hail(0.75)	
Eddy County Carlsbad	06	1730MST 1900MST			0	0	0	0	Flash Flood	
Flooding was reported on the New Mexico Highway 524 Truck Bypass. Flood waters were as high as one and a half feet deep. Two to three inches of standing water was also reported on roadways across the city of Carlsbad.										